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AF 1634

Docket No.: 027929.101-US00

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Tetsumasa Ito

Application No.: 10/050,608

Group Art Unit: 1634

Filed: January 18, 2002

Examiner: B. J. Forman

For: GENE DETECTION SYSTEM, GENE

DETECTION DEVICE USING SAME,

DETECTION METHOD, AND GENE

DETECTING CHIP

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

- 1. Fee Transmittal;
- 2. Amendment Transmittal Letter (in duplicate);
- 3. Amendment in Response to Final Office Action (37 CFR 1.116);
- 4. Third Supplemental Information Disclosure Statement;
- 5. Form PTO/SB/08a/b;
- 6. Eleven cited documents; and

DC: 1278551-1

Application No.: 10/050,608 2 Docket No.: 027929.101-US00

7. Return receipt postcard.

The Director is hereby authorized to charge \$450.00 to cover the \$270.00 additional claims fee and \$180.00 IDS submission fee, any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0740, under Docket No. 027929.101-US00. A duplicate copy of this paper is enclosed.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 50-0740.

Dated: March 23, 2004

Respectfully submitted,

Paul J. Berman

Registration No.: 36,744 COVINGTON & BURLING 1201 Pennsylvania Avenue, N.W.

Washington, DC 20004-2401

(202) 662-6000



AMENDMENT TRANSMITTAL LETTER

-Docket No. 027929.101-US00

Application No.	Filing Date	Examiner	Art Unit
10/050,608-Conf. #4635	January 18, 2002	B. J. Forman	1634

Applicant(s): Tetsumasa Ito

Invention: GENE DETECTION SYSTEM, GENE DETECTION DEVICE USING SAME, DETECTION METHOD, AND GENE DETECTING CHIP

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

Multiple Dependent Claims (check if applicable) Other fee (please specify): TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: X Large Entity No additional fee is required for this amendment. X Please charge Deposit Account No. 50-0740 in the amount of \$ 450.00 to \$270.00 additional claims fee and \$180.00 IDS submission fee. A duplicate copy of this enclosed. A check in the amount of \$ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. X The Director is hereby authorized to charge and credit Deposit Account No. 50-074 as described below. A duplicate copy of this sheet is enclosed.	·		CLAIM	S AS AMENI	DED		
Multiple Dependent Claims (check if applicable) Other fee (please specify): OTAL ADDITIONAL FEE FOR THIS AMENDMENT: Compared to the property of the propert		Remaining After	Number Previously	Extra Claims		Rate	
Multiple Dependent Claims (check if applicable) Cher fee (please specify): TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: X Large Entity No additional fee is required for this amendment. X Please charge Deposit Account No. 50-0740 in the amount of \$ 450.00 to \$270.00 additional claims fee and \$180.00 IDS submission fee. A duplicate copy of this enclosed. A check in the amount of \$ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. X The Director is hereby authorized to charge and credit Deposit Account No. 50-074 as described below. A duplicate copy of this sheet is enclosed.	ıl Claims	41	- 26 =	15	X	18.00	270.00
Contact Additional fee is required for this amendment. Small Entity Small Entity Small Entity No additional fee is required for this amendment.	•	2	- 3 =		X		0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: Small Entity Small Entity No additional fee is required for this amendment.	tiple Depende	ent Claims (ch	eck if applicabl	e)			
x Large Entity No additional fee is required for this amendment. X Please charge Deposit Account No. 50-0740 in the amount of \$ 450.00 to \$270.00 additional claims fee and \$180.00 IDS submission fee. A duplicate copy of this enclosed. A check in the amount of \$	er fee (please	specify):					
No additional fee is required for this amendment. Please charge Deposit Account No. 50-0740 in the amount of \$ 450.00 to \$270.00 additional claims fee and \$180.00 IDS submission fee. A duplicate copy of this enclosed. A check in the amount of \$ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge and credit Deposit Account No. 50-074 as described below. A duplicate copy of this sheet is enclosed.	TAL ADDITIO	DNAL FEE FO	OR THIS AME	NDMENT:		÷	270.00
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x Charge any additional filing or application processing fees required under 37 CFR 1.16 at	enclosed. A check in the Payment by confidering the Director in the payment by confidering the described.	e amount of \$ credit card. Fo s hereby auth below. A dup	orm PTO-2038 norized to chargolicate copy of	to cover is attached.	the filing	g fee is end	closed.
Paul J. Berman Dated: March 23, 20	enclosed. A check in the Payment by confidence of the Check in the Payment by confidence of the Check of the	e amount of \$ credit card. Fo s hereby auth below. A dup y overpaymer	orm PTO-2038 norized to chargolicate copy of the	to cover is attached. ge and credit this sheet is e	the filing	g fee is end : Account N	closed. No. 50-0740
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Washington, DC 20004-2401	check in the Payment by confidence of the Director in the Dire	e amount of \$ credit card. For shereby authors below. A duply overpayment by additional fill of the control of	orm PTO-2038 norized to chargolicate copy of the first of application applicat	to cover is attached. ge and credit this sheet is e	the filing Deposit enclosed	g fee is end : Account N	olosed. No. 50-0740 37 CFR 1.16 and 1.17

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		Complete if Known					
I FF HAVIADIAN I HAF		Application Number 10/050,608-Conf. #4635					
for FY 2004		Filing Date			January 18, 2002		
Effective 10/01/2003, Patent fees are subject to annual revision.		First N	Named Inventor		ntor Tetsumasa Ito		
Endanto 10/0 1/2000, 1 diene 1003 die Subject to annual revision.	-	Examiner Name B. J. Forman			B. J. Forman		
Applicant claims small entity status. See 37 CFR 1.27		Art Unit 1634			1634		
TOTAL AMOUNT OF PAYMENT (\$) 450.00		Attorney Docket No. 027929.101-US00					
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)		
Check Credit Money Other None	3. ADDITIONAL FEES						
Card Corder			, , , , , , , , , , , , , , , , , , ,				
X Deposit Account:	Larg	e Entity	Small	Entity			
Deposit Account 50-0740	Fee	Fee	Fee	Fee	Fee Description		
Number	Code	(\$)	Code	(\$)	Fee Paid		
Deposit Account Covington & Burling	1051	130	2051	65	Surcharge – late filing fee or oath		
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.		
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification		
Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2.520	For filing a request for ex parte reexamination		
onargo any additional tools, or any anderpayment of lee(s)	1804		1804	920*	Requesting publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee					Examiner action		
to the above-identified deposit account.	1805		1805	1,840*	Examiner action		
FEE CALCULATION	1251		2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252		2252	210	Extension for reply within second month		
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1253		2253	475	Extension for reply within third month		
Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee	1255	· ·	2255	•	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401		2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402		2402	165	Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1403		2403	145	Request for oral hearing		
	1451 1452		1451 2452	55	Petition to institute a public use proceeding Petition to revive – unavoidable		
SUBTOTAL (1) (\$) 0.00	1453		2453	665	Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	·	2501	665	Utility issue fee (or reissue)		
Extra Fee from	1502	480	2502	240	Design issue fee		
Total Claims 41 -26** = 15 x 18.00 = 270.00	1503	640	2503	320	Plant issue fee		
Independent 2 -3** = x = 0.00	1460	130	1460	130	Petitions to the Commissioner		
Claims — — — — — — — — — — — — — — — — — — —	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt 180.00		
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per		
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20					property (times number of properties) Filing a submission after final rejection		
1202 16 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	(37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid		770	2810	385	For each additional invention to be examined (37CFR 1.129(b))		
204 86 2204 43 ** Reissue independent claims		770	2801	385	Request for Continued Examination (RCE)		
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application		
and over original patent	Other	Other fee (specify)					
SUBTOTAL (2) (\$) 270.00	*Red	uced by E	Basic Fi	ling Fee	Paid SUBTOTAL (3) (\$) 180.00		
**or number previously paid, if greater; For Reissues, see above	<u></u>	•					
SUBMITTED BY (Complete (if applicable))							
Name (Print/Type) Paul (Berman)		tration No ey/Agent)		,744	Telephone (202) 662-6000		
Signature Hand Signature	<u> </u>	vyrngelit)	1		Date March 23, 2004		
7/04/					171011 20, 2004		